

AMENDMENTS TO THE CLAIMS

The following Listing of Claims replaces all previous listings of claims in this application. Claims 13 and 22 have been canceled without prejudice or disclaimer.

Listing of Claims:

1 - 13. (Canceled)

14. (Currently Amended) The process according to ~~claim 13,~~claim 18, wherein the styrene-acrylonitrile copolymer has acrylonitrile content of from 20 to 35% by weight.

15. (Currently Amended) The process according to ~~claim 13,~~claim 18, wherein glass fibers are used as fibrous filler A.

16. (Currently Amended) The process according to ~~claim 13,~~claim 18, wherein ~~when the filler A is used,~~ the average fiber length of the fibrous filler A is from 0.1 to ~~10 nm~~10 mm prior to the mixing with the polymer.

17. (Currently Amended) The process according to ~~claim 13,~~claim 18, wherein ~~when filler A is used,~~ the average fiber diameter of the fibrous filler A is from 2 to 40 μm prior to the mixing with the polymer.

18. (Currently Amended) ~~The process according to claim 13,~~ A process for the production of a foam web or a foam sheet, wherein the foam web or form sheet comprises a polymer selected from the group consisting of polysulfones, polyetherimides, polyether ketones, and styrene-acrylonitrile copolymer (SAN), acrylonitrile-butadiene-styrene copolymer (ABS), and acrylonitrile-styrene-acrylate copolymer (ASA), and mixtures thereof comprising extruding a melt which comprises the polymer and a blowing agent, and then foaming of the melt, which comprises the additional presence in the melt of from 5 to 50% by weight, based on the polymer, of a filler selected from

A) a fibrous filler A,

B) at least one particulate filler B selected from the group consisting of calcium carbonate, calcium sulfate, magnesium carbonate, barium sulfate, mica, zeolites and silicates,
or a mixture of A) and B),
wherein the melt comprises from 0.01 to 2% by weight of talc, based on the polymer, as nucleating agent-agent, and
wherein the blowing agent is selected from the group consisting of water, CO₂, acetone, ethanol and mixtures thereof.

19. (Currently Amended) The process according to ~~elaim-13,~~claim 18, wherein ~~when filler B is used,~~ the average particle diameter of the particulate filler B is from 0.1 to 1000 μm prior to the mixing with the polymer.

20. (Currently Amended) The process according to ~~elaim-13,~~claim 18, wherein the amount of blowing agent is from 0.1 to 15% by weight, based on the polymer.

21. (Currently Amended) The process according to ~~elaim-13,~~claim 18, wherein a mixture composed of two polymers I and II is used as polymer, where the polymer I comprises no filler, and the polymer II comprises the fibrous filler A or the particulate filler B, or a mixture of fibrous filler A and particulate filler B.

22. (Canceled)

23. (Currently Amended) A foam web or a foam sheet, the web or sheet being obtainable by the process according to ~~elaim-13,~~claim 18.

24. (Currently Amended) A foam web or a foam sheet according to claim 23, whose density, determined to DIN EN 826, is from 15 to 200 g/l.

25. (New) The process according to claim 18 for producing a foam sheet based on polysulfones, polyetherimides or polyether ketones, wherein the blowing agent is a mixture of water and acetone.

26. (New) The process according to claim 18 or producing a foam sheet based on styrene-acrylonitrile copolymer (SAN), acrylonitrile-butadiene-styrene copolymer (ABS) or acrylonitrile-styrene-acrylate copolymer (ASA), wherein the blowing agent is a mixture of water and CO₂.